



Supp. IDS #8  
C. Burns  
12/28/01

Docket No. 60,426-96  
99P7769US01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Quail, et al.  
Serial Number: 09/654,417  
Filed: September 1, 2000  
Group Art Unit: 3661  
Examiner: Unknown  
Title: CONTROLLER FOR OCCUPANT RESTRAINT SYSTEM

**RECEIVED**  
DEC 18 2001  
**GROUP 3600**

Assistant Commissioner of Patents  
Washington, D.C. 20231

**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Several references are listed on an attached PTO-1449 Form. Fees in the amount of \$180.00 are enclosed. The Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds for any additional fees that are due.

This supplemental information disclosure statement includes references cited in the PCT Search Report. One of the references is a report entitled "Advanced Air Bag Technology Assessment - Final Report" authored by Phen et al. This reference summarizes various components used in occupant restraint systems and discusses the benefits and disadvantages of each component. However, this report does not disclose, teach, or suggest a system or method of controlling an occupant restraint system as claimed by Applicant. Further, this report does not disclose, suggest, or teach the specific combination of sensors and procedural steps to determine



Docket No. 60,426-96  
99P7769US01

under which conditions the occupant restraint systems should be enabled or disabled as claimed by Applicant.

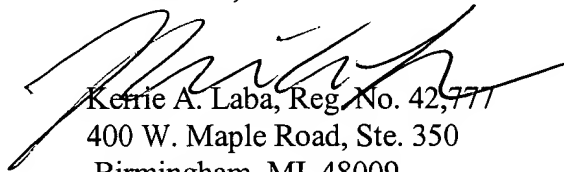
Another reference, DE 19753163, uses fuzzy classifiers such as change in vehicle speed and acceleration characteristics to form triggering criterion for deployment of a restrain system. The DE reference does not disclose a fuzzy logic system based on multiple occupant characteristics as claimed by Applicant.

Another reference, WO 9854638, uses a neural network to use compiled information on different types of collisions to determine deployment decisions for the current collision event. WO 9854638 does not disclose the use of a neural network to identify different vehicle types and various passenger compartment sizes as claimed by Applicant.

Thus, Applicant believes that the claims are allowable over these references.


Respectfully submitted,

CARLSON, GASKEY & OLDS

  
Kenie A. Laba, Reg. No. 42,777  
400 W. Maple Road, Ste. 350  
Birmingham, MI 48009  
(248) 988-8360

**CERTIFICATE OF MAILING**

I hereby certify that the attached document(s) is/are being deposited with the U.S. Postal Service as first class mail, postage prepaid, in an envelope addressed to Assistant Commissioner of Patents, Washington, D.C. 20231 on October 23, 2001.

  
Laura Combs